



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090002-AC

Mode: Highway

Status: Submitted

I-26, US-19, US-23

From/Cross Street: SR 2207

Specific Improvement Type: 17 - Upgrade Freeway to Interstate Standards

To: South of SR 2148

Project Category: Statewide Mobility

Length: 3.96

TIP#: A-0010AC

Fully Funded in Draft STIP? No

Cost to NCDOT: \$26,500,000

Description:

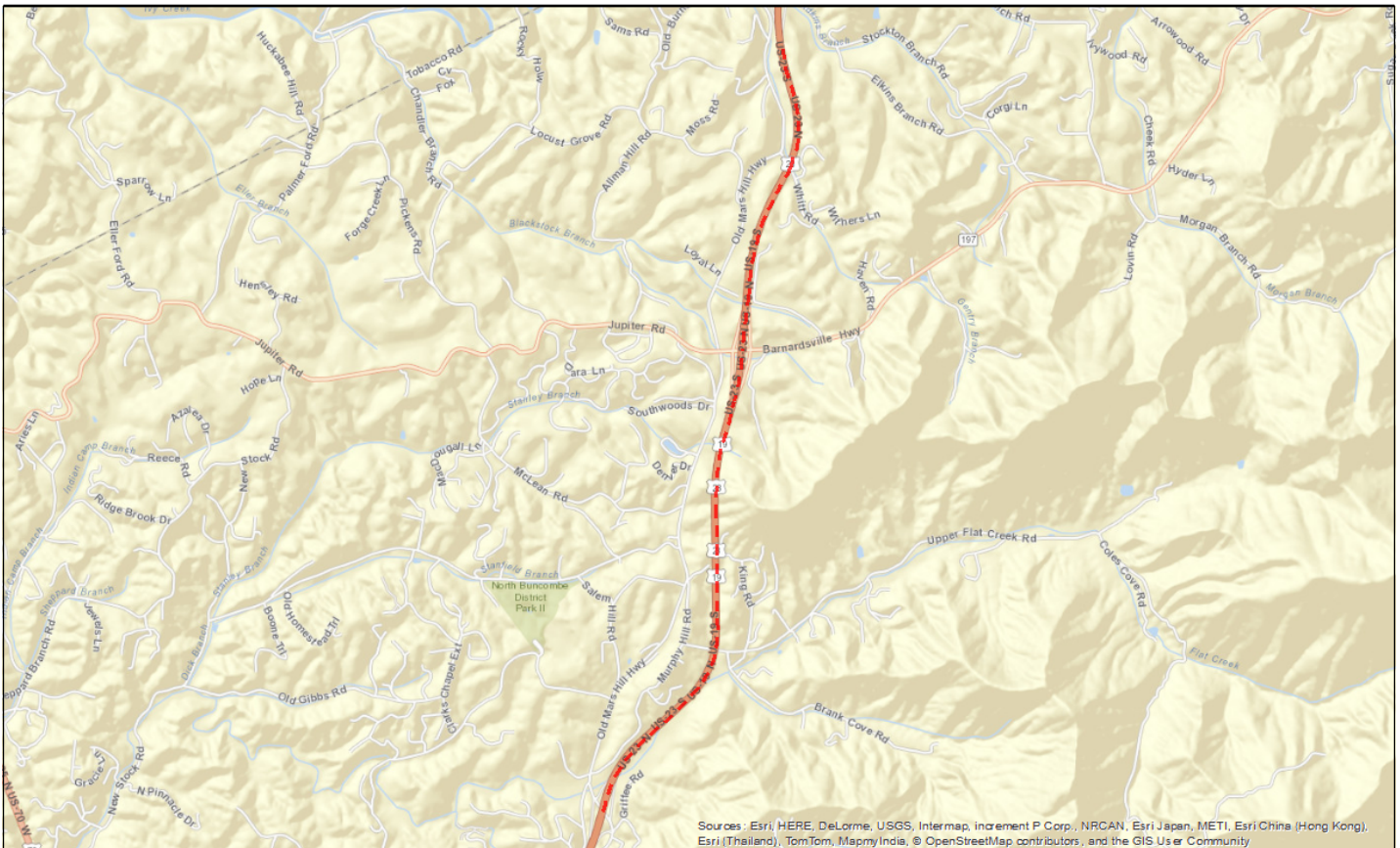
Upgrade Roadway to interstate Standards and Add Additional Lanes

Division(s): Division 13

County(s): BUNCOMBE

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Statewide Mobility Total Score: 17.24

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 32.80	N/A	N/A
Economic Competitiveness (10%) 0.00		
Multimodal + [Freight & Military] (20%) 7.46		
[Travel Time] Benefit/Cost (30%) 0.00		
Safety (10%) 59.09		
Totals: Weight: 100% Weighted Score: 17.24		

Regional Impact Total Score: 18.95

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 32.80	Percent: 15% Points: 0	Percent: 15% Points: 21
Safety (10%) 59.09		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 16.90		
Totals: Weight: 70% Weighted Score: 15.8		

Division Needs Total Score: 12.47

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 32.80	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 59.09		
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 12.47		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	60
Length (miles):	3.96
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial- Other Freeway
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	26693.78
Capacity:	72400
Volume/Capacity Ratio:	0.37
% Autos:	94%
% Trucks:	6%
Truck Volume:	1492.27
Crash Density:	61.67
Crash Severity:	71.41
Critical Crash Rate:	44.21
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	88
Actual Congested Speed:	60.7
Travel Time Index:	0.99

Project Benefits

Project Cross-Section:	
Speed Limit:	60
Length (miles):	3.96
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial- Other Freeway
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	0
% Change in Economy:	0
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	21	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		21	0

Project Cost and Source

Construction Cost:	\$26,000,000	TIP Unit
Right-of-Way Cost:	\$500,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$26,500,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$26,500,000	